

# UK 11+ Exam 10-Minute Maths Fluency Drills

## (Week 1 Sampler)

### Introduction

Welcome to Week 1 of our 11+ Maths Fluency Drills programme. This sampler provides seven carefully structured 10-minute daily sessions designed to build essential mental calculation skills for 11+ examination success.

Each drill incorporates evidence-based spaced practice methods, focusing on key areas including number bonds, times tables, fractions, decimals, percentages, and mental calculation strategies. The exercises are designed to develop both speed and accuracy whilst building confidence in mathematical reasoning.

#### How to Use This Guide

- **Timing:** Each session should take exactly 10 minutes
- **Structure:** Each day includes warm-up, main drill, and quick-fire round
- **Materials:** Pencil, paper, and stopwatch/timer
- **Assessment:** Record scores daily to track progress
- **Repetition:** Repeat challenging exercises until fluent

### Weekly Overview

Day	Focus Area	Key Skills
Monday	Number Bonds & Place Value	Bonds to 100, place value, rounding
Tuesday	Times Tables & Division	Multiplication facts, division, factors
Wednesday	Fractions & Equivalents	Fraction recognition, equivalents, ordering
Thursday	Decimals & Money	Decimal operations, money calculations
Friday	Percentages & Proportion	Percentage calculations, simple proportion
Saturday	Mental Strategies	Doubling, halving, near doubles
Sunday	Mixed Review	All areas combined

## Monday - Number Bonds & Place Value

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### Day 1: Number Bonds & Place Value Drill

*Total Time: 10 minutes*

#### Warm-up (2 minutes)

**Number Bonds to 100:** Complete these calculations as quickly as possible.

$47 + \underline{\quad} = 100$

$\underline{\quad} + 38 = 100$

$100 - 29 = \underline{\quad}$

$\underline{\quad} + 76 = 100$

$100 - 63 = \underline{\quad}$

$85 + \underline{\quad} = 100$

$\underline{\quad} + 19 = 100$

$100 - 54 = \underline{\quad}$

$\underline{\quad} + 92 = 100$

$100 - 17 = \underline{\quad}$

#### Main Drill (6 minutes)

**Place Value & Rounding:** Complete the following exercises.

**Part A:** Write the value of the underlined digit.

1. 45673 = \_\_\_\_\_

2. 72849 = \_\_\_\_\_

3. 38256 = \_\_\_\_\_

4. 91647 = \_\_\_\_\_

5. 50392 = \_\_\_\_\_

**Part B:** Round to the nearest 10.

1. 347 = \_\_\_\_\_

2. 582 = \_\_\_\_\_

3. 1264 = \_\_\_\_\_

4. 3958 = \_\_\_\_\_

5. 7235 = \_\_\_\_\_

**Part C:** Round to the nearest 100.

1. 4567 = \_\_\_\_\_

2. 2384 = \_\_\_\_\_

3. 5692 = \_\_\_\_\_

4. 8149 = \_\_\_\_\_

5. 3058 = \_\_\_\_\_

#### Quick-fire Round (2 minutes)

**Mental Addition:** Calculate these sums quickly.

1.  $250 + 180 = \underline{\quad}$

2.  $340 + 290 = \underline{\quad}$

3.  $450 + 370 = \underline{\quad}$

4.  $560 + 280 = \underline{\quad}$

5.  $670 + 190 = \underline{\quad}$

6.  $380 + 450 = \underline{\quad}$

7.  $490 + 320 = \underline{\quad}$

8.  $570 + 260 = \underline{\quad}$

9.  $680 + 150 = \underline{\quad}$

10.  $740 + 180 = \underline{\quad}$

## Tuesday - Times Tables & Division

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### Day 2: Times Tables & Division Drill

*Total Time: 10 minutes*

#### Warm-up (2 minutes)

**Times Tables Practice:** Complete these multiplications.

$7 \times 8 = \underline{\quad}$

$9 \times 6 = \underline{\quad}$

$8 \times 7 = \underline{\quad}$

$6 \times 9 = \underline{\quad}$

$7 \times 9 = \underline{\quad}$

$8 \times 6 = \underline{\quad}$

$9 \times 7 = \underline{\quad}$

$6 \times 8 = \underline{\quad}$

$8 \times 9 = \underline{\quad}$

$7 \times 6 = \underline{\quad}$

#### Main Drill (6 minutes)

**Division & Factors:** Complete the following exercises.

**Part A:** Division facts.

1.  $72 \div 8 = \underline{\quad}$

6.  $64 \div 8 = \underline{\quad}$

2.  $63 \div 9 = \underline{\quad}$

7.  $42 \div 7 = \underline{\quad}$

3.  $56 \div 7 = \underline{\quad}$

8.  $54 \div 6 = \underline{\quad}$

4.  $48 \div 6 = \underline{\quad}$

9.  $36 \div 9 = \underline{\quad}$

5.  $81 \div 9 = \underline{\quad}$

10.  $49 \div 7 = \underline{\quad}$

**Part B:** Find all factors of these numbers.

1. Factors of 24:                                 

2. Factors of 36:                                 

3. Factors of 48:                                 

4. Factors of 60:                                 

**Part C:** Multiply by 10 and 100.

1.  $37 \times 10 = \underline{\quad}$

6.  $59 \times 100 = \underline{\quad}$

2.  $8.4 \times 10 = \underline{\quad}$

7.  $1.3 \times 10 = \underline{\quad}$

3.  $2.7 \times 100 = \underline{\quad}$

8.  $6.8 \times 100 = \underline{\quad}$

4.  $0.6 \times 10 = \underline{\quad}$

9.  $0.9 \times 10 = \underline{\quad}$

5.  $4.5 \times 100 = \underline{\quad}$

10.  $3.2 \times 100 = \underline{\quad}$

**Quick-fire Round (2 minutes)**

**Mixed Operations:** Calculate these quickly.

1.  $12 \times 7 = \underline{\quad}$

2.  $144 \div 12 = \underline{\quad}$

3.  $15 \times 8 = \underline{\quad}$

4.  $132 \div 11 = \underline{\quad}$

5.  $13 \times 9 = \underline{\quad}$

6.  $156 \div 13 = \underline{\quad}$

7.  $14 \times 11 = \underline{\quad}$

8.  $168 \div 14 = \underline{\quad}$

9.  $16 \times 12 = \underline{\quad}$

10.  $180 \div 15 = \underline{\quad}$

## Wednesday - Fractions & Equivalents

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### Day 3: Fractions & Equivalents Drill

*Total Time: 10 minutes*

#### Warm-up (2 minutes)

**Fraction Recognition:** Write these fractions in their simplest form.

$$2/4 = \underline{\quad}$$

$$4/8 = \underline{\quad}$$

$$3/6 = \underline{\quad}$$

$$6/12 = \underline{\quad}$$

$$5/10 = \underline{\quad}$$

$$8/16 = \underline{\quad}$$

$$9/18 = \underline{\quad}$$

$$4/12 = \underline{\quad}$$

$$10/20 = \underline{\quad}$$

$$6/9 = \underline{\quad}$$

#### Main Drill (6 minutes)

**Equivalent Fractions & Ordering:** Complete the following exercises.

**Part A:** Complete the equivalent fractions.

1.  $1/2 = \underline{\quad}/8 = \underline{\quad}/16 = \underline{\quad}/20$

2.  $1/3 = \underline{\quad}/9 = \underline{\quad}/12 = \underline{\quad}/15$

3.  $2/3 = \underline{\quad}/9 = \underline{\quad}/12 = \underline{\quad}/15$

4.  $3/4 = \underline{\quad}/8 = \underline{\quad}/12 = \underline{\quad}/16$

5.  $1/5 = \underline{\quad}/10 = \underline{\quad}/15 = \underline{\quad}/20$

**Part B:** Order these fractions from smallest to largest.

1.  $3/4, 1/2, 7/8, 5/8$ : \_\_\_\_\_

2.  $2/3, 1/6, 5/6, 1/3$ : \_\_\_\_\_

3.  $3/5, 2/10, 7/10, 1/2$ : \_\_\_\_\_

4.  $4/9, 1/3, 2/9, 8/9$ : \_\_\_\_\_

**Part C:** Add these fractions.

1.  $1/4 + 1/4 = \underline{\quad}$

6.  $1/3 + 1/6 = \underline{\quad}$

2.  $2/5 + 1/5 = \underline{\quad}$

7.  $1/2 + 1/4 = \underline{\quad}$

3.  $3/8 + 2/8 = \underline{\quad}$

8.  $2/3 + 1/6 = \underline{\quad}$

4.  $1/6 + 3/6 = \underline{\quad}$

9.  $3/4 + 1/8 = \underline{\quad}$

5.  $2/7 + 3/7 = \underline{\quad}$

10.  $1/5 + 3/10 = \underline{\quad}$

**Quick-fire Round (2 minutes)**

**Fraction of amounts:** Calculate these quickly.

1.  $\frac{1}{2}$  of 24 = \_\_\_\_

6.  $\frac{3}{4}$  of 28 = \_\_\_\_

2.  $\frac{1}{3}$  of 27 = \_\_\_\_

7.  $\frac{2}{5}$  of 30 = \_\_\_\_

3.  $\frac{1}{4}$  of 32 = \_\_\_\_

8.  $\frac{5}{6}$  of 24 = \_\_\_\_

4.  $\frac{1}{5}$  of 35 = \_\_\_\_

9.  $\frac{3}{8}$  of 32 = \_\_\_\_

5.  $\frac{2}{3}$  of 18 = \_\_\_\_

10.  $\frac{4}{7}$  of 21 = \_\_\_\_

### **Day 4: Decimals & Money Drill**

*Total Time: 10 minutes*

#### **Warm-up (2 minutes)**

**Decimal Recognition:** Write these decimals in order from smallest to largest.

1. 0.3, 0.03, 0.33, 0.303: \_\_\_\_\_

2. 0.7, 0.07, 0.77, 0.707: \_\_\_\_\_

3. 0.5, 0.05, 0.55, 0.505: \_\_\_\_\_

4. 0.9, 0.09, 0.99, 0.909: \_\_\_\_\_

5. 0.2, 0.02, 0.22, 0.202: \_\_\_\_\_

#### **Main Drill (6 minutes)**

**Decimal Operations:** Complete the following exercises.

**Part A:** Add these decimals.

1.  $3.4 + 2.7 =$  \_\_\_\_

6.  $8.6 + 3.7 =$  \_\_\_\_

2.  $5.8 + 1.6 =$  \_\_\_\_

7.  $9.4 + 2.8 =$  \_\_\_\_

3.  $4.9 + 3.5 =$  \_\_\_\_

8.  $5.7 + 6.5 =$  \_\_\_\_

4.  $6.7 + 2.8 =$  \_\_\_\_

9.  $7.8 + 4.6 =$  \_\_\_\_

5.  $7.3 + 4.9 =$  \_\_\_\_

10.  $8.9 + 3.4 =$  \_\_\_\_

**Part B:** Subtract these decimals.

1.  $8.7 - 3.2 =$  \_\_\_\_

6.  $9.2 - 4.5 =$  \_\_\_\_

2.  $9.6 - 4.8 =$  \_\_\_\_

7.  $7.8 - 2.9 =$  \_\_\_\_

3.  $7.5 - 2.9 =$  \_\_\_\_

8.  $6.7 - 3.8 =$  \_\_\_\_

4.  $6.3 - 1.7 =$  \_\_\_\_

9.  $8.1 - 4.3 =$  \_\_\_\_

5.  $8.4 - 3.6 =$  \_\_\_\_

10.  $9.5 - 6.7 =$  \_\_\_\_

**Part C:** Money calculations.

1.  $£4.75 + £3.28 =$  £\_\_\_\_\_

2.  $£8.90 - £2.45 =$  £\_\_\_\_\_



3.  $\pounds 5.60 + \pounds 1.85 = \pounds$ \_\_\_\_\_

4.  $\pounds 9.32 - \pounds 4.67 = \pounds$ \_\_\_\_\_

5.  $\pounds 6.48 + \pounds 2.99 = \pounds$ \_\_\_\_\_

**Quick-fire Round (2 minutes)**

**Decimal conversions:** Convert these quickly.

1.  $1/2 = 0.$ \_\_

2.  $1/4 = 0.$ \_\_

3.  $3/4 = 0.$ \_\_

4.  $1/5 = 0.$ \_\_

5.  $2/5 = 0.$ \_\_

6.  $3/5 = 0.$ \_\_

7.  $4/5 = 0.$ \_\_

8.  $1/10 = 0.$ \_\_

9.  $3/10 = 0.$ \_\_

10.  $7/10 = 0.$ \_\_

## Friday - Percentages & Proportion

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### **Day 5: Percentages & Proportion Drill**

*Total Time: 10 minutes*

#### **Warm-up (2 minutes)**

**Percentage Conversions:** Convert these fractions to percentages.

$$\frac{1}{2} = \_\_\%$$

$$\frac{1}{4} = \_\_\%$$

$$\frac{3}{4} = \_\_\%$$

$$\frac{1}{5} = \_\_\%$$

$$\frac{2}{5} = \_\_\%$$

$$\frac{3}{5} = \_\_\%$$

$$\frac{4}{5} = \_\_\%$$

$$\frac{1}{10} = \_\_\%$$

$$\frac{3}{10} = \_\_\%$$

$$\frac{7}{10} = \_\_\%$$

#### **Main Drill (6 minutes)**

**Percentage Calculations:** Complete the following exercises.

**Part A:** Find these percentages.

1. 10% of 80 = \_\_\_\_

6. 30% of 50 = \_\_\_\_

2. 20% of 60 = \_\_\_\_

7. 40% of 35 = \_\_\_\_

3. 25% of 40 = \_\_\_\_

8. 60% of 45 = \_\_\_\_

4. 50% of 90 = \_\_\_\_

9. 80% of 25 = \_\_\_\_

5. 75% of 32 = \_\_\_\_

10. 90% of 20 = \_\_\_\_

**Part B:** What percentage is shaded? (Imagine these are grid squares)

1. 6 out of 10 squares = \_\_\_\_%

2. 15 out of 20 squares = \_\_\_\_%

3. 12 out of 16 squares = \_\_\_\_%

4. 18 out of 24 squares = \_\_\_\_%

5. 21 out of 30 squares = \_\_\_\_%

**Part C:** Simple proportion problems.

1. If 3 pencils cost 60p, how much do 5 pencils cost? \_\_\_\_

2. If 4 books cost £12, how much do 7 books cost? \_\_\_\_

3. If 2 sweets cost 30p, how much do 6 sweets cost? \_\_\_\_

4. If 5 apples cost £1.50, how much do 8 apples cost? \_\_\_\_

**Quick-fire Round (2 minutes)**

**Mental percentage calculations:** Calculate these quickly.

1. 5% of 40 = \_\_

6. 65% of 40 = \_\_

2. 15% of 20 = \_\_

7. 85% of 20 = \_\_

3. 35% of 40 = \_\_

8. 95% of 60 = \_\_

4. 45% of 60 = \_\_

9. 12% of 50 = \_\_

5. 55% of 80 = \_\_

10. 24% of 25 = \_\_

## Saturday - Mental Strategies

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### Day 6: Mental Strategies Drill

*Total Time: 10 minutes*

#### Warm-up (2 minutes)

**Doubling & Halving:** Complete these calculations.

Double 17 =

—

Half of 38 =

—

Double 23 =

—

Half of 46 =

—

Double 19 =

—

Half of 54 =

—

Double 26 =

—

Half of 62 =

—

Double 28 =

—

Half of 78 =

—

#### Main Drill (6 minutes)

**Mental Calculation Strategies:** Complete the following exercises.

**Part A:** Near doubles strategy. Use doubles to help you.

1.  $24 + 25 = \underline{\quad}$  (Think:  $24 + 24 + 1$ )

2.  $37 + 38 = \underline{\quad}$  (Think:  $37 + 37 + 1$ )

3.  $46 + 47 = \underline{\quad}$  (Think:  $46 + 46 + 1$ )

4.  $58 + 59 = \underline{\quad}$  (Think:  $58 + 58 + 1$ )

5.  $73 + 74 = \underline{\quad}$  (Think:  $73 + 73 + 1$ )

**Part B:** Compensation strategy. Adjust one number to make calculation easier.

1.  $47 + 29 = \underline{\quad}$  (Think:  $47 + 30 - 1$ )

2.  $86 + 19 = \underline{\quad}$  (Think:  $86 + 20 - 1$ )

3.  $73 + 28 = \underline{\quad}$  (Think:  $73 + 30 - 2$ )

4.  $95 + 17 = \underline{\quad}$  (Think:  $95 + 20 - 3$ )

5.  $64 + 39 = \underline{\quad}$  (Think:  $64 + 40 - 1$ )

**Part C:** Partitioning strategy. Break numbers into parts.

1.  $46 + 27 = \underline{\quad}$  (Think:  $40 + 20 + 6 + 7$ )

2.  $58 + 34 = \underline{\quad}$  (Think:  $50 + 30 + 8 + 4$ )

3.  $73 + 19 = \underline{\quad}$  (Think:  $70 + 10 + 3 + 9$ )

4.  $85 + 26 = \underline{\quad}$  (Think:  $80 + 20 + 5 + 6$ )

5.  $67 + 18 = \underline{\hspace{1cm}}$  (Think:  $60 + 10 + 7 + 8$ )

**Part D:** Multiply by 5 strategy. Use  $\times 10 \div 2$ .

1.  $14 \times 5 = \underline{\hspace{1cm}}$  (Think:  $14 \times 10 \div 2$ )

2.  $18 \times 5 = \underline{\hspace{1cm}}$  (Think:  $18 \times 10 \div 2$ )

3.  $26 \times 5 = \underline{\hspace{1cm}}$  (Think:  $26 \times 10 \div 2$ )

4.  $34 \times 5 = \underline{\hspace{1cm}}$  (Think:  $34 \times 10 \div 2$ )

5.  $42 \times 5 = \underline{\hspace{1cm}}$  (Think:  $42 \times 10 \div 2$ )

**Quick-fire Round (2 minutes)**

**Mixed mental strategies:** Use any strategy to calculate quickly.

1.  $99 + 47 = \underline{\hspace{1cm}}$

6. Half of 86 =  $\underline{\hspace{1cm}}$

2.  $198 + 56 = \underline{\hspace{1cm}}$

7.  $297 + 68 = \underline{\hspace{1cm}}$

3.  $16 \times 5 = \underline{\hspace{1cm}}$

8.  $22 \times 5 = \underline{\hspace{1cm}}$

4.  $38 + 39 = \underline{\hspace{1cm}}$

9.  $67 + 68 = \underline{\hspace{1cm}}$

5. Double 35 =  $\underline{\hspace{1cm}}$

10.  $399 + 29 = \underline{\hspace{1cm}}$

## Sunday - Mixed Review

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### Day 7: Mixed Review Drill

*Total Time: 10 minutes*

#### Warm-up (2 minutes)

**Quick Mixed Practice:** Complete these varied calculations.

$8 \times 7 = \underline{\quad}$

$56 \div 8 = \underline{\quad}$

$\frac{1}{4} \text{ of } 36 = \underline{\quad}$

$50\% \text{ of } 80 = \underline{\quad}$

$0.3 + 0.7 = \underline{\quad}$

$72 + \underline{\quad} = 100$

$\frac{3}{8} + \frac{2}{8} = \underline{\quad}$

$\text{Double } 24 = \underline{\quad}$

$6.7 - 2.3 = \underline{\quad}$

$25\% \text{ of } 60 = \underline{\quad}$

#### Main Drill (6 minutes)

**Mixed Review Challenge:** Complete all sections.

**Section A:** Number and place value.

1. Round 4567 to the nearest 100:  $\underline{\quad}$
2. What is the value of 7 in 47,382?  $\underline{\quad}$
3. Write 3.45 in words:  $\underline{\quad}$

**Section B:** Calculations.

1.  $347 + 189 = \underline{\quad}$
2.  $502 - 278 = \underline{\quad}$
3.  $23 \times 17 = \underline{\quad}$
4.  $468 \div 12 = \underline{\quad}$

**Section C:** Fractions, decimals, and percentages.

1. Order: 0.6,  $\frac{2}{3}$ , 65%,  $\frac{5}{8}$ :  $\underline{\quad}$
2.  $\frac{3}{5} = \underline{\quad}\% = 0.\underline{\quad}$
3. Which is greater:  $\frac{3}{4}$  or 0.7?  $\underline{\quad}$

**Section D:** Word problems.

1. A book costs £3.75. How much for 8 books?  $\underline{\quad}$
2. Sarah has 60 stickers. She gives away 15%. How many does she keep?  $\underline{\quad}$
3. A rectangle is 12cm long and 8cm wide. What is its area?  $\underline{\quad}$

**Quick-fire Round (2 minutes)**

**Speed Challenge:** Complete as many as possible.

1.  $9 \times 8 = \underline{\quad}$

2.  $144 \div 12 = \underline{\quad}$

3.  $\frac{2}{3}$  of 21 =  $\underline{\quad}$

4. 20% of 45 =  $\underline{\quad}$

5.  $4.8 + 3.7 = \underline{\quad}$

6.  $97 + 28 = \underline{\quad}$

7.  $5^2 = \underline{\quad}$

8.  $\sqrt{36} = \underline{\quad}$

9.  $3.6 \times 10 = \underline{\quad}$

10.  $480 \div 10 = \underline{\quad}$

11.  $7 \times 9 = \underline{\quad}$

12.  $108 \div 9 = \underline{\quad}$

13.  $\frac{3}{4}$  of 24 =  $\underline{\quad}$

14. 75% of 32 =  $\underline{\quad}$

15.  $5.9 - 2.4 = \underline{\quad}$

16.  $86 + 39 = \underline{\quad}$

17.  $4^3 = \underline{\quad}$

18.  $\sqrt{64} = \underline{\quad}$

19.  $2.5 \times 100 = \underline{\quad}$

20.  $630 \div 100 = \underline{\quad}$

## Answer Key

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### **Monday - Number Bonds & Place Value**

#### **Warm-up**

53, 62, 71, 24, 37, 15, 81, 46, 8, 83

#### **Main Drill**

**Part A:** 5000, 70000, 200, 60, 0

**Part B:** 350, 580, 1260, 3960, 7240

**Part C:** 4600, 2400, 5700, 8100, 3100

#### **Quick-fire Round**

430, 630, 820, 840, 860, 830, 810, 830, 830, 920

### **Tuesday - Times Tables & Division**

#### **Warm-up**

56, 54, 56, 54, 63, 48, 63, 48, 72, 42

#### **Main Drill**

**Part A:** 9, 7, 8, 8, 9, 8, 6, 9, 4, 7

#### **Part B:**

24: 1, 2, 3, 4, 6, 8, 12, 24

36: 1, 2, 3, 4, 6, 9, 12, 18, 36

48: 1, 2, 3, 4, 6, 8, 12, 16, 24, 48

60: 1, 2, 3, 4, 5, 6, 10, 12, 15, 20, 30, 60

**Part C:** 370, 84, 270, 6, 450, 5900, 13, 680, 9, 320

#### **Quick-fire Round**

84, 12, 120, 12, 117, 12, 154, 12, 192, 12



## **Wednesday - Fractions & Equivalents**

### **Warm-up**

$\frac{1}{2}$ ,  $\frac{1}{2}$ ,  $\frac{1}{2}$ ,  $\frac{1}{2}$ ,  $\frac{1}{2}$ ,  $\frac{1}{2}$ ,  $\frac{1}{2}$ ,  $\frac{1}{3}$ ,  $\frac{1}{2}$ ,  $\frac{2}{3}$

### **Main Drill**

#### **Part A:**

$$\frac{1}{2} = \frac{4}{8} = \frac{8}{16} = \frac{10}{20}$$

$$\frac{1}{3} = \frac{3}{9} = \frac{4}{12} = \frac{5}{15}$$

$$\frac{2}{3} = \frac{6}{9} = \frac{8}{12} = \frac{10}{15}$$

$$\frac{3}{4} = \frac{6}{8} = \frac{9}{12} = \frac{12}{16}$$

$$\frac{1}{5} = \frac{2}{10} = \frac{3}{15} = \frac{4}{20}$$

#### **Part B:**

$$\frac{1}{2}, \frac{5}{8}, \frac{3}{4}, \frac{7}{8}$$

$$\frac{1}{6}, \frac{1}{3}, \frac{2}{3}, \frac{5}{6}$$

$$\frac{2}{10}, \frac{3}{5}, \frac{1}{2}, \frac{7}{10}$$

$$\frac{2}{9}, \frac{1}{3}, \frac{4}{9}, \frac{8}{9}$$

**Part C:**  $\frac{2}{4} = \frac{1}{2}$ ,  $\frac{3}{5}$ ,  $\frac{5}{8}$ ,  $\frac{4}{6} = \frac{2}{3}$ ,  $\frac{5}{7}$ ,  $\frac{3}{6} = \frac{1}{2}$ ,  $\frac{3}{4}$ ,  $\frac{5}{6}$ ,  $\frac{7}{8}$ ,  $\frac{1}{2}$

### **Quick-fire Round**

12, 9, 8, 7, 12, 21, 12, 20, 12, 12

## **Thursday - Decimals & Money**

### **Warm-up**

0.03, 0.3, 0.303, 0.33

0.07, 0.7, 0.707, 0.77

0.05, 0.5, 0.505, 0.55

0.09, 0.9, 0.909, 0.99

0.02, 0.2, 0.202, 0.22

### **Main Drill**

**Part A:** 6.1, 7.4, 8.4, 9.5, 12.2, 12.3, 12.2, 12.2, 12.4, 12.3

**Part B:** 5.5, 4.8, 4.6, 4.6, 4.8, 4.7, 4.9, 2.9, 3.8, 2.8

**Part C:** £8.03, £6.45, £7.45, £4.65, £9.47

**Quick-fire Round**

5, 25, 75, 2, 4, 6, 8, 1, 3, 7

**Friday - Percentages & Proportion**

**Warm-up**

50%, 25%, 75%, 20%, 40%, 60%, 80%, 10%, 30%, 70%

**Main Drill**

**Part A:** 8, 12, 10, 45, 24, 15, 14, 27, 20, 18

**Part B:** 60%, 75%, 75%, 75%, 70%

**Part C:** £1.00, £21.00, 90p, £2.40

**Quick-fire Round**

2, 3, 14, 27, 44, 26, 17, 57, 6, 6

**Saturday - Mental Strategies**

**Warm-up**

34, 19, 46, 23, 38, 27, 52, 31, 56, 39

**Main Drill**

**Part A:** 49, 75, 93, 117, 147

**Part B:** 76, 105, 101, 112, 103

**Part C:** 73, 92, 92, 111, 85

**Part D:** 70, 90, 130, 170, 210

**Quick-fire Round**

146, 254, 80, 77, 70, 43, 365, 110, 135, 428

## Sunday - Mixed Review

### Warm-up

56, 7, 9, 40, 1.0, 28,  $\frac{5}{8}$ , 48, 4.4, 15

### Main Drill

**Section A:** 4600, 7000, Three point four five

**Section B:** 536, 224, 391, 39

**Section C:**  $\frac{5}{8}$ , 0.6,  $\frac{2}{3}$ , 65%; 60%, 0.6;  $\frac{3}{4}$

**Section D:** £30.00, 51 stickers, 96 cm<sup>2</sup>

### Quick-fire Round

72, 12, 14, 9, 8.5, 125, 25, 6, 36, 48, 63, 12, 18, 24, 3.5, 125, 64, 8, 250, 6.3

## Progress Tracking

Use the table below to record daily scores and track improvement throughout the week.

Day	Warm-up Score	Main Drill Score	Quick-fire Score	Total Score	Time Taken
Monday	___/10	___/25	___/10	___/45	___min
Tuesday	___/10	___/24	___/10	___/44	___min
Wednesday	___/10	___/25	___/10	___/45	___min
Thursday	___/5	___/25	___/10	___/40	___min
Friday	___/10	___/24	___/10	___/44	___min
Saturday	___/10	___/25	___/10	___/45	___min
Sunday	___/10	___/30	___/20	___/60	___min

## Tips for Success

**For Students:**

- Practise daily - consistency is key to building fluency
- Focus on accuracy first, then speed will follow
- Use mental strategies to make calculations easier
- Don't worry if you don't finish everything - improve gradually
- Review your mistakes to understand where you went wrong

**For Parents/Teachers:**

- Encourage regular practice rather than long sessions
- Celebrate improvements, not just high scores
- Help identify patterns in mistakes
- Provide additional support in weaker areas
- Use positive reinforcement to maintain motivation

## Next Steps

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After completing Week 1, continue with weekly drills that progressively increase in difficulty. Focus on areas where scores were consistently low and celebrate areas of strength. Remember that mathematical fluency develops over time with consistent practice.

Good luck with your 11+ preparation!